



Peroxide-Forming Chemicals



- Some organic liquids potentially form explosive peroxide crystals when exposed to air or light. Longer storage time increases the chance of crystal formation.
- The Chemical Hygiene and Safety Plan (CHSP) lists common peroxide-forming chemicals, safe storage times, and testing frequencies.
 - Store, label, and test peroxide formers according to the CHSP.
 - Use the Chemical Management System to store testing history
 - Check MSDSs and bottle labels for chemicals not listed in the CHSP.

Peroxide Label

WARNING: MAY FORM EXPLOSIVE PEROXIDES
 Store, handle, and dispose of per LBNL Controls for Peroxide Formers.
 Keep in tightly closed original container. Avoid exposure to light, air
 and heat. If crystals, discoloration, or layering are visible, do not open.
 Contact an EH&S industrial hygienist for guidance.

THIS CHEMICAL HAS A LIMITED SHELF LIFE
 Date received _____ Date opened _____ Testing interval (months) _____

PEROXIDE TEST RESULTS
 (If within the concentration range from 25-100 ppm
 material can be used but don't evaporate or concentrate)

Date _____	Result _____	Date _____	Result _____
Date _____	Result _____	Date _____	Result _____
Date _____	Result _____	Date _____	Result _____

Peroxide Test Strips



**For more information,
 see the CHSP via the LBNL A-to-Z Index or contact Larry McLouth x5286**